

02/28/02



JC687 U.S. PTO

3-4-02

A

EXPRESS MAIL RECEIPT NO. ET948082595US  
DEPOSITED ON FEBRUARY 28, 2002

PATENT  
DKT. P1569US01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application  
Commissioner for Patents  
Washington, D.C. 20231



JC687 U.S. PTO

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventors: **Nikki M. Bruner and John E. Young**

For (title): **EMULATION SYSTEM FOR EVALUATING DIGITAL DATA CHANNEL CONFIGURATIONS**

1. **Type of Application**

This transmittal is for an original (nonprovisional) application.

2. **Papers Enclosed**

A. Required for filing date under 37 C.F.R. 1.53(b) (Regular) or 37 C.F.R. 1.153 (Design) Application

22 Pages of Specification  
6 Pages of Claims  
7 Sheets of Drawings-Formal

B. **Other Papers Enclosed**

2 Pages of Declaration-Signed by inventors  
1 Page of Abstract  
2 Pages of Power of Attorney  
3 Pages of Application Data Sheet

3. **Additional Papers Enclosed**

Information Disclosure Statement (37 C.F.R. 1.98), including PTO/SB/08A and 08B (substitute for Form PTO-1449) and 10 cited references  
An acknowledgment postcard

4. **Declaration or Oath**

Enclosed and executed by inventors.

5. **Inventorship Statement**

The inventorship for all the claims in this application is the same.

6. **Language**

English

7. **Assignment**

An assignment of the invention to SEAGATE TECHNOLOGY LLC is attached. A separate FORM PTO 1595 is also attached.

8. **Fee Calculation (37 C.F.R. Section 1.16)**

Regular Application

CLAIMS AS FILED

Claims	Number Filed	Basic Fee Allowance	Number Extra	Rate	Basic Fee 37 CFR 1.16(a) \$740.00
Total Claims (37 CFR 1.16(c))	27	- 20 =	7 x	\$18.00	\$126.00

Independent Claims (37 CFR 1.16(b))	2	- 3 =	0 x	\$84.00	\$0.00
--	---	-------	-----	---------	--------

Multiple Dependent Claim(s), if any (37 CFR 1.16(d))			+	\$280.00	\$0.00
--	--	--	---	----------	--------

Filing Fee Calculation

\$866.00

**9. Fee Payment Being Made at This Time**

Enclosed	
Filing Fee	\$866.00
Recording assignment (\$40; 37 C.F.R. Section 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION".)	\$40.00
<b>Total Fees Enclosed</b>	<b>\$906.00</b>

**10. Method of Payment of Fees**

Checks in the amount of \$866.00 for filing fee and \$40.00 for assignment are attached.

**11. Authorization to Charge Additional Fees**

The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 13-0110.

37 C.F.R. Section 1.16(a), (f) or (g) (filing fees)  
37 C.F.R. Section 1.16(b), (c) or (d) (presentation of extra claims)  
37 C.F.R. Section 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)  
37 C.F.R. Section 1.17(a)(1)-(5) (extension fees pursuant to SECTION 1.136(a))

**12. Instructions as to Overpayment**

Refund.

**ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF  
PRIOR U.S. APPLICATION CLAIMED**

**13. Relate Back**

**A. 35 U.S.C. Section 119(e)**

"This application claims the benefit of U.S. Provisional Application No.:

**APPLICATION NO.**

**FILING DATE**

60/314,355

08/23/2001

14. Further Inventorship Statement Where Benefit of Prior Application(s) Claimed

- a. This application discloses and claims only subject matter disclosed in the prior application whose particulars are set out above and the inventors in this application are the same.

Date: \_\_\_\_\_

2/28/02

Respectfully submitted,

Randall K. McCarthy

Randall K. McCarthy, Registration No. 39,297  
Bill D. McCarthy, Registration No. 26,772  
Daniel P. Dooley, Registration No. 46,369  
Martin A. Weeks, Registration No. 37,753  
Crowe & Dunlevy  
1800 Mid-America Tower  
20 North Broadway  
Oklahoma City, OK 73102  
Telephone: (405) 235-7700  
Fax: (405) 239-6651

# Crowe & Dunlevy

A PROFESSIONAL CORPORATION  
ATTORNEYS AND COUNSELORS AT LAW  
1800 MID-AMERICA TOWER  
20 NORTH BROADWAY  
OKLAHOMA CITY, OKLAHOMA 73102-8273  
(405) 233-7700  
FAX (405) 239-6651  
www.crowedunlevy.com

**TULSA**  
500 KENNEDY BUILDING  
321 SOUTH BOSTON AVENUE  
TULSA, OKLAHOMA 74103-3313  
(918) 592-9800  
FAX (918) 592-9801

RANDALL K. MCCARTHY  
DIRECT LINE (405) 239-6691  
DIRECT FAX (405) 272-5048

**NORMAN**  
THE HPOINT OFFICE BUILDING  
2500 SOUTH MCGEE, SUITE 140  
NORMAN, OKLAHOMA 73072-6705  
(405) 321-7317  
FAX (405) 360-4002

E-MAIL mccarr@crowedunlevy.com

February 28, 2002

**Express Mail Receipt No. ET948082595US**  
**Deposited on February 28, 2002**

## BOX ASSIGNMENT

Director - U.S. Patent and Trademark Office  
Washington, D.C. 20231

Re: U.S. Patent Application entitled EMULATION SYSTEM FOR EVALUATING  
DIGITAL DATA CHANNEL CONFIGURATIONS  
Inventors: Nikki M. Bruner and John E. Young  
Filing Date: February 28, 2002  
Our Docket: P1569US01

Sir:

Enclosed for recording is the Assignment for the following United States patent  
application:

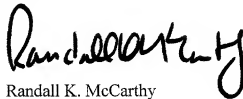
U.S. Patent Application entitled EMULATION SYSTEM FOR EVALUATING  
DIGITAL DATA CHANNEL CONFIGURATIONS  
Inventors: Nikki M. Bruner and John E. Young  
Filing Date: February 28, 2002  
Assignee: SEAGATE TECHNOLOGY LLC  
Our Docket: P1569US01

A Recordation Form Cover Sheet - Patents Only, Form PTO-1595, is provided for the  
above documents. A check in the amount of \$40.00 is also enclosed to cover the recording fee.  
Should additional fees be required, you are hereby authorized to charge same to Deposit Account  
No. 13-0110.

Box Assignment  
February 28, 2002  
Page 2

The enclosed documents are being sent by Express Mail Receipt No. ET948082595US  
on February 28, 2002.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Randall K. McCarthy". The signature is fluid and cursive, with the first name "Randall" being more prominent.

Randall K. McCarthy  
For the Firm

RKM/dca  
Enclosures

2002 FEB 28 10:08 AM